

Abstract of the Disclosure

The purpose of the present invention is to provide a method and a system for enabling an automatic creation of a parts list and 3-dimensional illustrations of a product based on 3-dimensional CAD or XVL data of an industrial product consisting of a
5 plurality of parts.

In order to attain the above objective, according to a principal aspect of the present invention, there is provided a method for generating a parts catalog consisting of a parts list and corresponding disassembly illustrations. This method comprises the steps of (a) assigning reference numerals/symbols based on the parts list, to each of parts
10 groups belonging to an initial process of disassembly, and to each of the parts groups belonging to an intermediate process of disassembly, respectively; (b) building a disassembly algorithm based on the parts list; and (c) generating disassembly illustrations based on the disassembly algorithm, wherein minimum disassembly units of the disassembly illustrations are parts and parts groups assigned with the reference
15 numerals/symbols, and displaying the reference numeral/symbol for each of the parts and parts groups in the disassembly illustrations.